



National Agricultural Statistics Service
Iowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 22, 2012

Over three quarters of Iowa's pasture and range land is rated in poor to very poor condition. Pasture and range condition rated 46 percent very poor, 33 percent poor, 17 percent fair, 4 percent good, and 0 percent excellent. Excessive heat continues to cause livestock losses.

Provided by Harry Hillaker, State Climatologist

Iowa Department of Agriculture & Land Stewardship

Iowa endured yet another week of unusually hot and dry weather. Temperatures averaged 5 to 6 degrees above normal over the east and 8 to 10 degrees above normal over western Iowa with a statewide average of 7.3 degrees above normal. This now has been the hottest start for July and the summer season since 1936. This past week the hottest weather prevailed on Wednesday (18th) and Sunday (22nd). Temperatures peaked at 105 degrees at Iowa City and Keosauqua on Wednesday and 104 degrees at Des Moines, Little Sioux, Osceola and Sioux City on Sunday. There was a slight cool down on Friday and Saturday with Elkader recording a Friday morning low of 55 degrees. However, locations such as Des Moines, Osceola and Shenandoah have recorded eleven consecutive days with high temperatures of ninety degrees or higher through Sunday. Rainfall was below normal over all but a few tiny areas across northern Iowa with Cresco being the wet spot with 2.83 inches of rain. Most of the week's rains came with scattered thunderstorms across about the northeast one-half of Iowa on Wednesday. There were also some isolated thunderstorms over the northern one-third of the state on Saturday and Sunday. Most of southwestern and central Iowa recorded no rain for the week. Some areas, such as Glenwood, Shenandoah, Clarinda and Bedford, have recorded 28 consecutive days with less than 0.01 inch of rain through Sunday. The statewide average precipitation was 0.10 inches while normal for the week is 1.00 inches. Iowa has now recorded below normal rainfall for ten of the past eleven weeks and above normal temperatures for eleven of the past twelve weeks.

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING SUNDAY, JULY 22, 2012 (inches)

| Item | Districts | | | | | | | | | State | Last Week | Last Year | 5-yr Avg |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | NW | NC | NE | WC | C | EC | SW | SC | SE | | | | |
| | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) | (Percent) |
| Corn tasseled | 97 | 97 | 92 | 99 | 98 | 95 | 96 | 90 | 94 | 96 | 87 | 80 | 72 |
| Corn silked | 92 | 92 | 81 | 94 | 95 | 83 | 89 | 83 | 87 | 89 | 74 | 63 | 55 |
| Corn in or past milk stage | 43 | 40 | 21 | 33 | 46 | 39 | 26 | 33 | 40 | 36 | (NA) | 5 | 9 |
| Corn in or past dough stage | 12 | 11 | 7 | 10 | 22 | 9 | 10 | 9 | 18 | 12 | 4 | 1 | 1 |
| Soybeans bloomed | 92 | 90 | 84 | 93 | 84 | 80 | 79 | 78 | 70 | 85 | 74 | 74 | 72 |
| Soybeans setting pods | 36 | 37 | 26 | 46 | 44 | 36 | 27 | 30 | 24 | 36 | 12 | 19 | 26 |
| Oats harvested for grain | 97 | 86 | 92 | 95 | 94 | 84 | 96 | 88 | 89 | 91 | 72 | 37 | 30 |
| Hay, alfalfa - 3rd cutting | 58 | 36 | 68 | 49 | 65 | 46 | 38 | 43 | 45 | 51 | 17 | 1 | 1 |

(NA) Not Available

[illegible]

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: 7:00 am Sunday, July 22, 2012, Prepared by AWIS, Inc.

| Station | Current Week | | | | | | Since April 1 | | | |
|------------------------|--------------|-----|------|-----|---------------|-------|---------------|-------|--------------|-----|
| | Temperature | | | | Precipitation | | Precipitation | | GDD Base 50F | |
| | High | Low | Avg. | DFN | Total | DFN | Total | DFN | Total | DFN |
| North West District | | | | | | | | | | |
| Estherville | 94 | 63 | 78 | 6 | 0.19 | -0.58 | 12.60 | -0.12 | 1,823 | 469 |
| Sioux Center | 98 | 64 | 82 | 8 | 0.61 | -0.16 | 11.59 | -1.38 | 2,087 | 427 |
| Spencer | 99 | 63 | 81 | 8 | 0.16 | -0.77 | 13.03 | -0.11 | 1,949 | 496 |
| Spirit Lake | 98 | 69 | 81 | 9 | 0.27 | -0.57 | 13.34 | 0.67 | 1,859 | 432 |
| North Central District | | | | | | | | | | |
| Britt | 96 | 62 | 78 | 6 | 0.40 | -0.57 | 12.23 | -2.06 | 1,736 | 330 |
| Dakota City | 97 | 62 | 80 | 6 | 0.12 | -0.82 | 11.02 | -3.50 | 1,888 | 356 |
| Mason City | 98 | 58 | 79 | 6 | 0.11 | -0.86 | 9.76 | -4.97 | 1,796 | 372 |
| Osage | 97 | 60 | 78 | 6 | 0.12 | -0.83 | 12.86 | -1.78 | 1,718 | 369 |
| North East District | | | | | | | | | | |
| Decorah | 100 | 57 | 79 | 6 | 1.16 | 0.25 | 11.73 | -2.72 | 1,871 | 426 |
| Dubuque | 97 | 62 | 79 | 7 | 0.00 | -0.91 | 7.21 | -7.77 | 1,768 | 349 |
| Elkader | 96 | 55 | 76 | 4 | 0.05 | -0.93 | 9.47 | -4.56 | 1,536 | 149 |
| Fayette | 97 | 56 | 78 | 6 | 0.20 | -0.82 | 12.36 | -2.58 | 1,712 | 429 |
| Waterloo | 99 | 56 | 80 | 7 | 0.00 | -1.10 | 9.65 | -5.77 | 1,941 | 409 |
| West Central District | | | | | | | | | | |
| Carroll | 96 | 66 | 81 | 8 | 0.00 | -0.96 | 10.72 | -5.06 | 1,948 | 402 |
| Castana | 97 | 67 | 82 | 7 | 0.00 | -0.70 | 13.11 | -0.68 | 1,941 | 227 |
| Guthrie Center | 98 | 61 | 80 | 6 | 0.00 | -0.77 | 10.93 | -4.04 | 1,991 | 399 |
| Harlan | 96 | 65 | 80 | 5 | 0.00 | -0.82 | 11.23 | -3.41 | 1,934 | 406 |
| Jefferson | 96 | 62 | 79 | 5 | 0.04 | -0.92 | 8.64 | -7.14 | 1,928 | 366 |
| Logan | 97 | 64 | 82 | 6 | 0.00 | -0.77 | 12.23 | -2.14 | 2,019 | 350 |
| Rockwell City | 98 | 64 | 80 | 6 | 0.03 | -0.95 | 11.68 | -2.92 | 1,887 | 365 |
| Sac City | 96 | 64 | 80 | 6 | 0.00 | -0.83 | 12.26 | -2.15 | 1,810 | 373 |
| Sioux City | 97 | 66 | 82 | 6 | 0.00 | -0.70 | 13.81 | 1.69 | 2,121 | 496 |
| Central District | | | | | | | | | | |
| Boone | 97 | 64 | 80 | 6 | 0.00 | -0.80 | 11.82 | -4.01 | 1,874 | 329 |
| Des Moines | 103 | 68 | 85 | 9 | 0.00 | -0.84 | 11.49 | -2.71 | 2,367 | 642 |
| Grundy Center | 95 | 60 | 78 | 7 | 0.00 | -1.02 | 11.16 | -4.01 | 1,867 | 428 |
| Marshalltown | 97 | 60 | 79 | 6 | 0.00 | -0.93 | 5.92 | -9.14 | 2,027 | 490 |
| Newton | 103 | 63 | 81 | 6 | 0.00 | -0.84 | 8.54 | -6.22 | 1,962 | 266 |
| Perry | 98 | 65 | 81 | 7 | 0.00 | -0.80 | 12.74 | -2.16 | 1,969 | 425 |
| Toledo | 99 | 59 | 79 | 6 | 0.00 | -0.98 | 8.36 | -7.02 | 1,794 | 354 |
| East Central District | | | | | | | | | | |
| Cedar Rapids | 99 | 62 | 79 | 5 | 0.00 | -0.91 | 7.28 | -7.17 | 1,930 | 320 |
| Davenport | 98 | 62 | 80 | 5 | 0.19 | -0.65 | 12.17 | -1.90 | 1,987 | 219 |
| Iowa City | 104 | 65 | 82 | 5 | 0.00 | -1.12 | 9.81 | -6.03 | 2,089 | 231 |
| Lowden | 98 | 61 | 81 | 7 | 0.17 | -0.81 | 10.37 | -5.54 | 1,871 | 365 |
| Maquoketa | 97 | 62 | 79 | 6 | 0.20 | -0.57 | 7.60 | -6.64 | 1,704 | 233 |
| Muscatine | 100 | 62 | 81 | 6 | 0.11 | -0.87 | 13.38 | -1.64 | 1,928 | 145 |
| South West District | | | | | | | | | | |
| Atlantic | 97 | 63 | 81 | 7 | 0.00 | -0.84 | 10.51 | -3.32 | 1,995 | 369 |
| Clarinda | 98 | 60 | 80 | 5 | 0.00 | -1.12 | 11.04 | -5.17 | 2,084 | 468 |
| Glenwood | 98 | 67 | 83 | 7 | 0.00 | -0.84 | 9.56 | -5.62 | 2,070 | 302 |
| Red Oak | 98 | 65 | 82 | 6 | 0.00 | -0.96 | 16.03 | -0.31 | 2,175 | 481 |
| Sidney | 97 | 66 | 83 | 6 | 0.00 | -1.09 | 9.70 | -5.39 | 2,201 | 407 |
| South Central District | | | | | | | | | | |
| Allerton | 104 | 62 | 82 | 7 | 0.00 | -1.04 | 10.29 | -4.83 | 1,985 | 361 |
| Beaconsfield | 99 | 65 | 82 | 7 | 0.00 | -0.98 | 10.81 | -3.99 | 1,981 | 410 |
| Chariton | 102 | 64 | 82 | 7 | 0.00 | -0.98 | 12.71 | -3.01 | 2,030 | 510 |
| Indianola | 102 | 60 | 82 | 8 | 0.00 | -0.84 | 8.24 | -6.93 | 2,012 | 494 |
| Leon | 100 | 60 | 80 | 5 | 0.00 | -0.91 | 12.79 | -2.44 | 1,931 | 391 |
| South East District | | | | | | | | | | |
| Bloomfield | 103 | 63 | 83 | 7 | 0.00 | -1.05 | 9.60 | -5.54 | 2,071 | 396 |
| Burlington | 100 | 62 | 82 | 7 | 0.00 | -0.96 | 10.41 | -4.02 | 2,151 | 334 |
| Ottumwa | 103 | 61 | 81 | 5 | 0.00 | -1.01 | 10.53 | -3.75 | 2,071 | 253 |
| Washington | 103 | 62 | 81 | 5 | 0.00 | -0.91 | 13.79 | -0.37 | 2,003 | 278 |

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2012: AWIS, Inc. All Rights Reserved.